

ABSTRACT

The present invention provides methods for enhanced detection of biological response profiles. In particular, the methods of this invention allow for the detection of biological response patterns, such as gene expression patterns, in response to different drug
5 treatments. The methods of the invention also allow the determination of a "consensus profile" which describes a particular class or type of biological response. In certain embodiments the consensus profile may describe the biological response of a particular group or class of drugs. In other embodiments, the consensus profile may describe an "ideal" biological response such as one associated with a desired therapeutic effect. The
10 methods of the present invention also allow for the comparison of different biological responses. Thus, the methods of the invention may be used, *e.g.*, to identify and/or study new drugs.

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